

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	"6,660,344".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/10 19:14
S2	1999	Malik-\$.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/10 19:19
S3	0	(252/299).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/10 19:19
S4	2224	(252/299.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/10 19:20
S5	0	S2 and S4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/10 19:21
S6	426563	liquid adj crystal\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/10 19:22
S7	34	S2 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/10 19:25
S8	9721	\$3oxeta\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/10 19:25
S9	490	S6 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/10 19:26
S10	18	S4 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/10 19:45

S11	28	\$5acrylic adj (compound or composition) with \$3oxeta\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/10 19:47
S12	46	Lub-J\$.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 08:28
S13	2	"6,660,344".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 18:21
S14	1	("5188760").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/11 18:51
S15	0	97/00600	EPO; JPO; DERWENT	OR	ON	2005/08/11 18:52
S16	0	((wo97/00600) or (wo95/22586) or (wo95/24454) or (wo95/24455)). CCLS.	USOCR; EPO; JPO; DERWENT	OR	OFF	2005/08/11 18:54
S17	2319061	wo 97/00600 wo 95/22586 wo 95/24454 wo 95/24455	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 18:54
S18	2319061	wo 97/00600 or wo 95/22586 or wo 95/24454 or wo 95/24455	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 18:55
S19	1073639	wo 97/00600 or wo 95/22586 or wo 95/24454 or wo 95/24455	DERWENT	OR	ON	2005/08/11 18:56
S20	1073645	WO "9700600"	DERWENT	OR	ON	2005/08/11 18:56
S21	11	"9700600"	DERWENT	OR	ON	2005/08/11 19:07
S22	3	"9522586"	DERWENT	OR	ON	2005/08/11 19:12
S23	3	"9524454"	DERWENT	OR	ON	2005/08/11 19:13
S24	3	"9524455"	DERWENT	OR	ON	2005/08/11 19:14
S25	2	"9943763"	DERWENT	OR	ON	2005/08/11 19:45
S26	5	"5,676,878"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/08/11 19:45



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 03 10 3578

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
A	WO 02 28985 A (KONINKL PHILIPS ELECTRONICS NV) 11 April 2002 (2002-04-11) * page 7; examples; tables *	1-12	C07D305/06 G02F1/13 G02B1/00 C09K19/34
A	PATENT ABSTRACTS OF JAPAN & JP 2002 250805 A (TOPPAN PRINTING CO LTD.), 6 September 2002 (2002-09-06) * abstract *	1-12	
A,D	DATABASE WPI Derwent Publications Ltd., London, GB; AN 2001-075363 XP002265550 & JP 2000 319527 A (NITTO DENKO CORP.), 21 November 2000 (2000-11-21) * abstract *	1-12	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			C07D G02F G02B C09K
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 19 December 2003	Examiner Fazzi, R
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document</p> <p>T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document</p>			

2004年12月13日 12時08分

GLOBAL PATENT

NO. 1572 P. 7/9



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Europäisches
Patentamt

Zweigstelle
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Recherchen-
abteilung

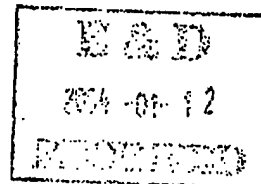
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SUEDE



Datum/Date

13.01.04

Zeichen/Nr. Pat.

72445EP- D

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.

03103578.5-2117-

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire

Nippon Oil Corporation

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☐ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☐ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract: none

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.



**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 03 10 3578

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

19-12-2003

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PUBLICATION NUMBER : 2002250805
PUBLICATION DATE : 06-09-02

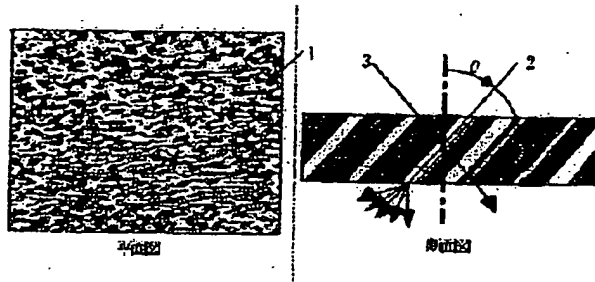
APPLICATION DATE : 26-02-01
APPLICATION NUMBER : 2001049850

APPLICANT : TOPPAN PRINTING CO LTD;

INVENTOR : OE YASUSHI;

INT.CL. : G02B 5/02 C08F 2/46 C08F 16/14
C08J 5/18 // C08L101:00

TITLE : COMPOSITION FOR ANISOTROPIC
LIGHT SCATTERING FILM AND
ANISOTROPIC LIGHT SCATTERING
FILM



ABSTRACT : PROBLEM TO BE SOLVED: To provide an anisotropic scattering film in which anisotropy (forward or backward or incident angle dependence) is imparted to scattering characteristics, even scattering characteristics in vertical and horizontal scattering ranges are easily controlled and the color of display light does not vary in any observation position and to provide a composition for the anisotropic scattering film.

SOLUTION: The anisotropic scattering film having a dark and light pattern due to high and low refractive indexes formed because parts different from each other in refractive index are distributed in an irregular shape and thickness, e.g. in a obliquely layered state to the thickness direction of the film is produced by using the composition consisting essentially of (A) a compound having at least one cationic polymerizable group in one molecule, (B) a radically polymerizable compound and (C) a photopolymerization initiator which generates radical and cationic species under actinic radiation. The refractive index of the compound (B) is higher than that of the compound (A).

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